FIG. 1

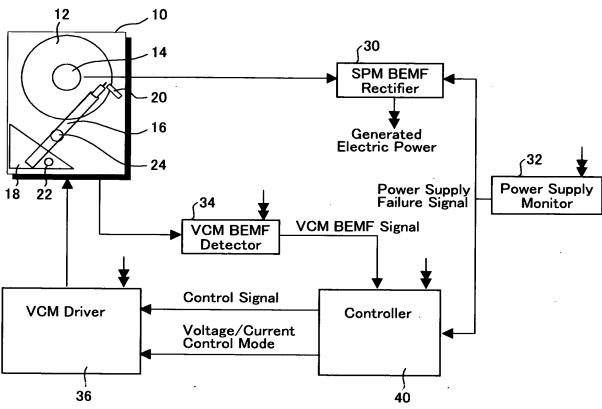


FIG. 2

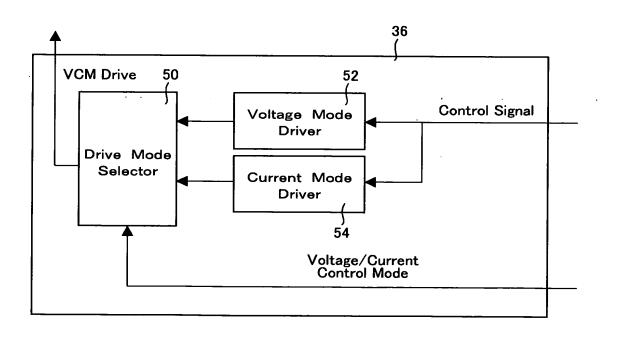
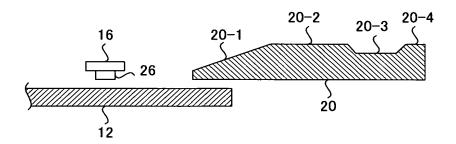


FIG. 3



## FIG. 4

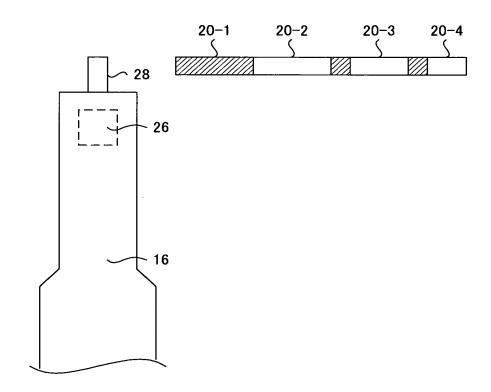
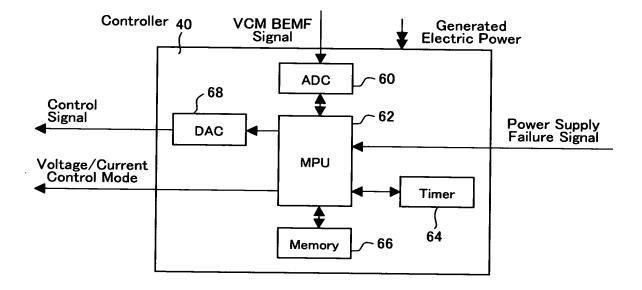


FIG. 5



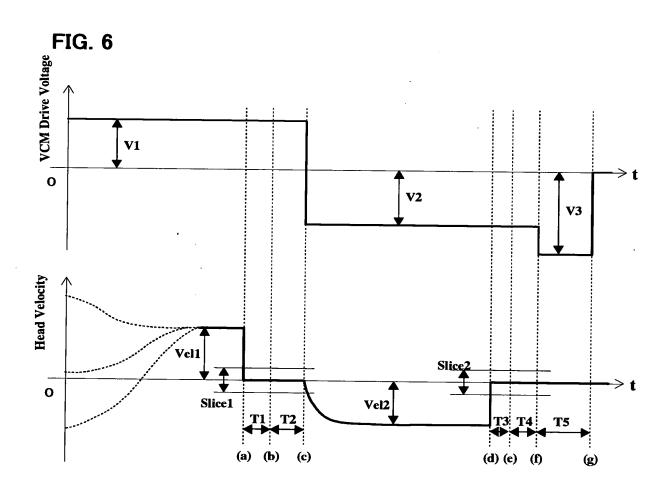


FIG. 7

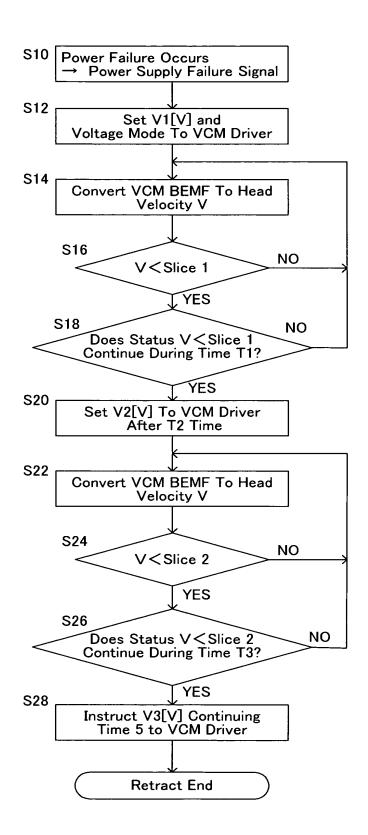


FIG. 8

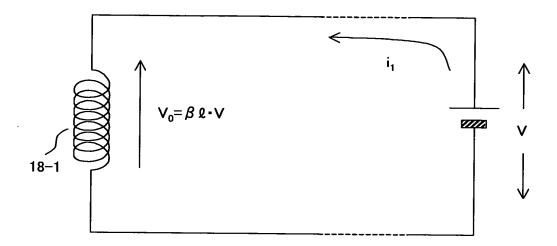


FIG. 9 12 10 30) SPM BEMF Rectifier 20 -16 Generated Electric Power 32 24 Power Supply Failure Signal **Power Supply** 18 22 34 Monitor **VCM BEMF Signal** VCM BEMF Detector Control Signal **VCM** Driver Controller Break/Voltage/Current Control Mode ) 40 36

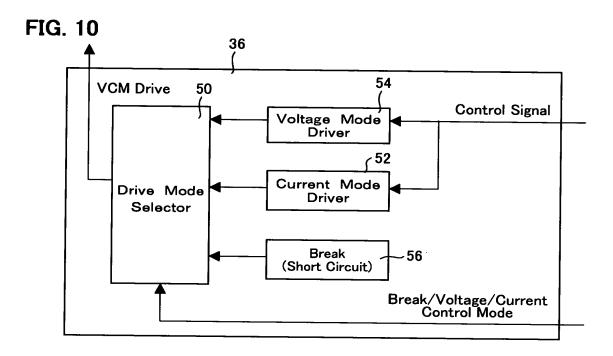


FIG. 11

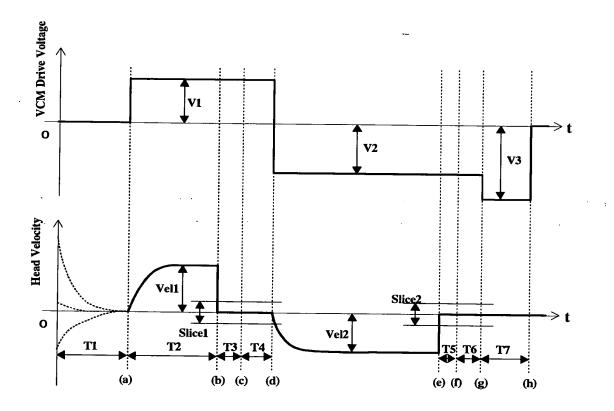


FIG. 12

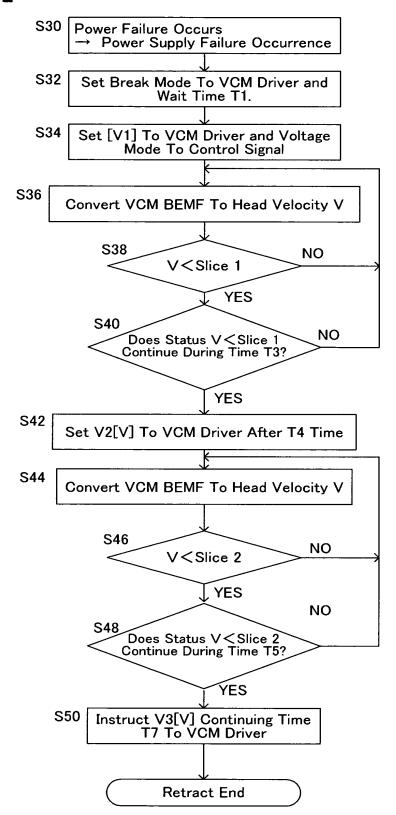
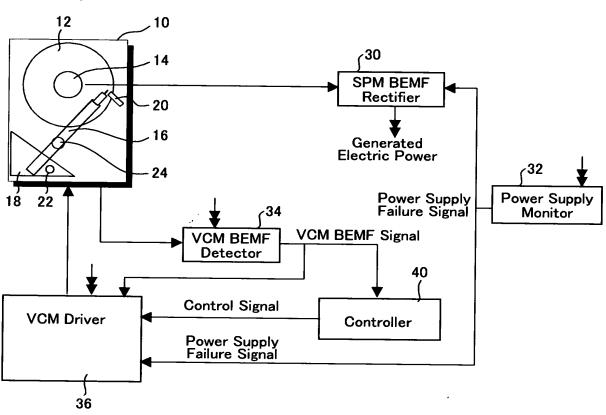


FIG. 13



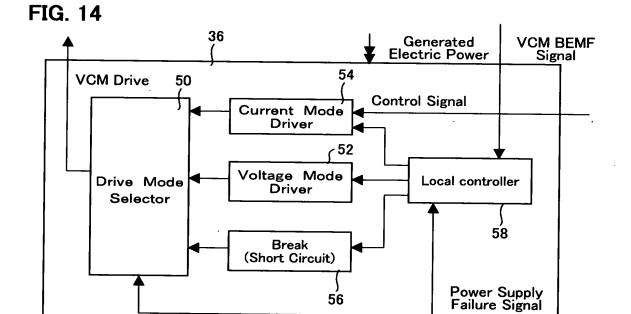


FIG. 15

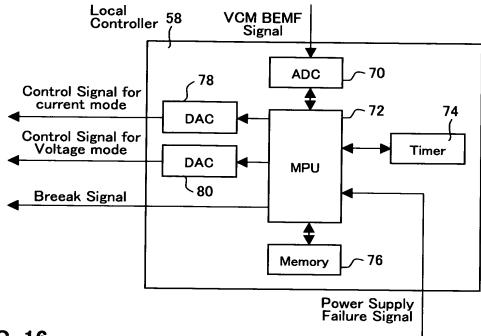
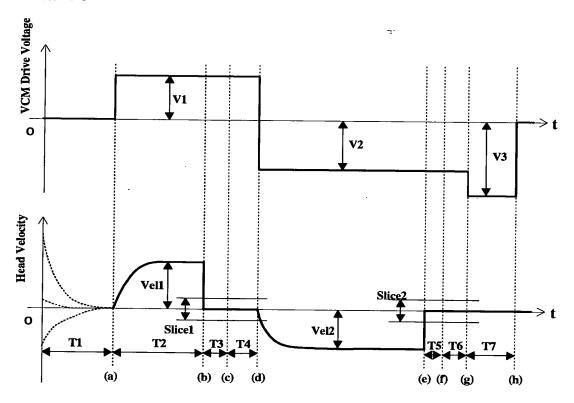
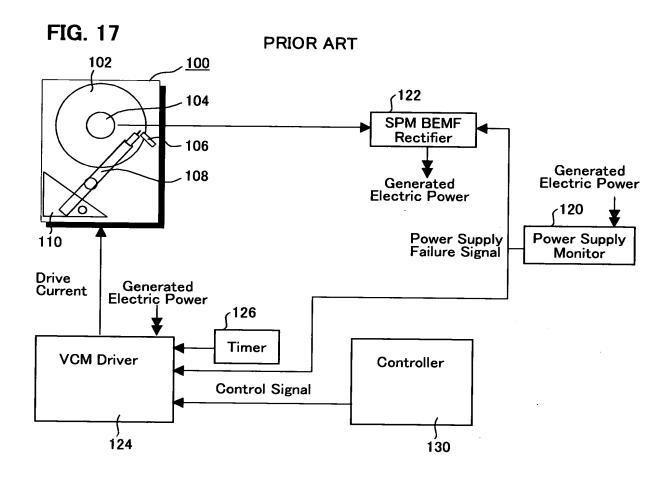
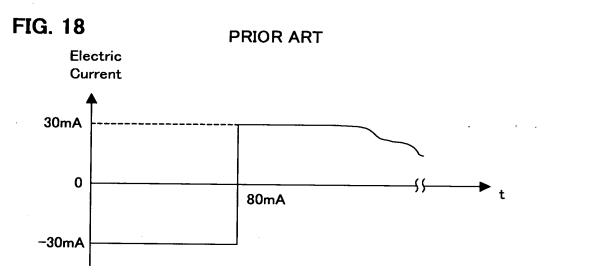


FIG. 16







Title: DISK APPARATUS, HEAD RETRACTING METHOD AND HEAD ... By: Nobuyuki SUZUKI Docket No.: 031254

FIG. 19

## **PRIOR ART**

